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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

SUMNER et al.

Atty. Ref.: 839-1490

Serial No. 10/663,991

Group: Unassigned

Filed: September 17, 2003

Examiner: Unassigned

For: SYSTEM AND METHOD FOR EVALUATING  
EFFICIENCY LOSSES FOR TURBINE COMPONENTS

\* \* \* \* \*

September 8, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

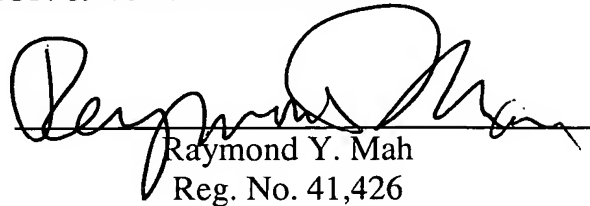
**TRANSMITTAL OF POWER OF ATTORNEY**

Attached hereto is the Exclusive Substitute Power of Attorney for the  
above-identified application.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of GE Power (839)

SUMNER et al.

Atty. Ref.: 839-1490

Serial No. 10/663,991

Group: 2857

Filed: September 17, 2003

Examiner: Unassigned

For: SYSTEM AND METHOD FOR EVALUATING  
EFFICIENCY LOSSES FOR TURBINE COMPONENTS

\* \* \* \* \*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**[LSP1] EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively my/its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached and/or recorded at the United States Patent Office on January 29, 2004 at reel 014933, frame 0648.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

Sept 2, 2004 By: [Signature]  
Date Name: Ernest G. Cusick  
Title: Patent Counsel